Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 02 Mar 2021 until 23:59 on Wednesday 03 Mar 2021

Forecast Issued on Monday 01 Mar 2021 at 16:55

Confidence: High for settled and largely dry week, although there is some uncertainty regarding cloud amounts.

Headline for Tuesday 02 Mar 2021: Dry with long sunny spells in west but cloudier in east. Mainly light winds.

Mountain weather hazards on Tuesday 02 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny	Clear night	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	00%	00%	00%	<05%

Forecast for Tuesday 02 Mar 2021

Weather: Western parts will be dry with long clear or sunny spells, and the risk of some low level fog in the valleys in the morning. However eastern fells will be largely cloudy through the morning but should see some sunny spells developing in the afternoon before cloud returns in the evening.

Chance of cloud free mountain/hill tops above 600m: Close to zero across eastern hills through the morning and again later, otherwise around 75%.

Visibility: Periods or persistent cloud above 300-450m in the east through the morning and again later in evening, otherwise occasional cloud above 600m. Away from cloud visibility good or very good, but a few hundred metres in any early low level fog patches.

Forecast for Tuesday 02 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 E	8/12 E	8/12 E	8/12 E	10/14 SE	7/11 SE	7/9 SE	5/8 SE	4/6 SE
300	5/13 E	5/12 E	6/13 E	7/12 E	7/12 SE	6/10 SE	4/8 E	4/7 E	3/6 E
Valley	4/7 E	3/7 E	3/7 E	4/8 SE	6/11 SE	5/9 SE	4/10 E	4/10 E	3/7 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	-1/-5	-2/-6	-2/-6	1/-3	3/-0	1/-2	1/-1	1/-1
300	1/-2	0/-3	-0/-4	1/-2	4/2	6/3	2/1	1/-0	1/-1
Valley	2/-0	-0/-2	-1/-3	1/-1	6/4	8/6	4/2	2/0	1/-1
Freezing Level*	400m	300m	300m	300m	700m	800m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 01 Mar 2021	0.2mm	0.4mm	0.4mm

Forecast for Wednesday 03 Mar 2021

Weather: A dry day with clear or sunny spells, the best of these across the west with rather more cloud at times in the east, especially at first and again later. Again risk of frost and fog patches at low levels around dawn

Maximum wind: Mainly easterly at less than 10mph.

Chance of cloud free mountain/hill tops above 600m: Close to zero through much of the morning and again in evening in the east, otherwise 75%.

Visibility: Periods or persistent cloud 300-450m in east in morning and again later, otherwise occasional cloud above about 600-750m. Away from cloud visibility good or very good, but a few hundred metres in any early low level fog patches.

Temperature: **Valleys:** Around minus 1 or 2 Celsius at dawn rising to plus 6 Celsius by day
At 600m: Plus 1 or 2 Celsius
Freezing level: Above summits